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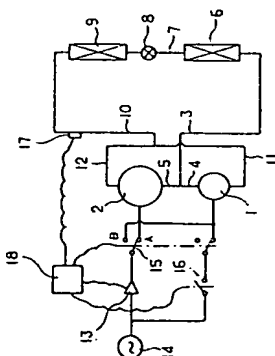
Patent
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ABSTRACT: CONTROLLER FOR REFRIGERATING CIRCUIT
PURPOSE: To prevent any chattering from occurring by connecting an inverter unit to plural units of compressors different in capacity each for their changeover, and selecting the inverter unit to a large capacity compressor at the time of high load and to a small capacity compressor at the time of low load, respectively.

- CONSTITUTION: After converging discharge refrigerants of two compressors 1, 2 different in capacity each, these refrigerants are passed through a condenser 6, a decompression device 8 and an evaporator 9 in consecutive order via a discharge pipe 3, and the downstream side is divided in suction pipelines 11, 12 and connected to each suction side of these compressors 1, 2. In this case, an inverter unit 13, an operation mode selector switch 15 and an on-off contact point 16 is installed in the midway of an energizing circuit feeding power of a commercial power source 14 to these compressors 1, 2, and these elements are controlled by a control unit 18 according to output of a pressure sensor 17 detecting low pressure in a suction pipe 10. In brief, the switch 15 is transferred so as to connect the inverter unit 13 to the large capacity compressor 2 at the time of high load and to the small capacity compressor 1 at the time of low load, respectively.

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